


Form PTO-1390		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER P26360
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/516,314	
INTERNATIONAL APPLICATION NO. PCT/JP03/07337	INTERNATIONAL FILING DATE 10 June 2003	PRIORITY DATE CLAIMED 10 June 2002	
TITLE OF INVENTION: CHROMOPROTEIN			
APPLICANT(S) FOR DO/EO/US: Atsushi MIYAWAKI, and Satoshi KARASAWA			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.			
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (PCT Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d) (4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) "Executed"</li> <li>10. <input checked="" type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11 to 16 below concern other document(s) or information included:</b>			
<ol style="list-style-type: none"> <li>11. Assignee:</li> <li>12. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>13. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>14. <input type="checkbox"/> A FIRST preliminary amendment. <input checked="" type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>16. <input type="checkbox"/> A substitute specification.</li> <li>17. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>18. <input type="checkbox"/> Figure of Drawing to be published:</li> <li>19. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d) (4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international of the international application under 35 U.S.C.154 (d) (4).</li> <li>22. <input checked="" type="checkbox"/> Other items or information: Cover Letter. Sequence Listings ((six pages). Statement that the Content of the Paper and Computer Readable Copies are the same. Form PCT/DO/EO/905.</li> </ol>			

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 40/516,314		INTERNATIONAL APPLICATION NO. PCT/JP03/07337		ATTORNEY'S DOCKET NUMBER P26360	
23 <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
ENTER APPROPRIATE BASIC FEE AMOUNT =					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
Basic National Stage Fee			\$300.00	\$ 0.00	
National Stage Application Size Fee – for each additional 50 sheets that exceeds 100 sheets			\$250.00	\$ 0.00	
National Stage Search Fee			\$500.00	\$ 0.00	
National Stage Examination Fee			\$200.00	\$ 0.00	
Claims	Number Filed	Number Extra	Rate		
Total Claims	- 20 =		x \$50.00	\$ 0.00	
Independent Claims	- 3 =		x \$200.00	\$ 0.00	
Multiple Dependent Claim(s) (if applicable)			+ \$360.00	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
SUBTOTAL =				\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$ 0.00	
Extension of Time fee in the amount of \$				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 130.00	
				Amount to be refunded	\$
				Charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$130.00</u> to cover the above fees is included.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0089</u>.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p>e. <input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)).</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO CUSTOMER NO. 7055 AT THE PRESENT ADDRESS OF:</p> <p>Bruce H. Bernstein GREENBLUM &amp; BERNSTEIN, P.L.C. 1950 Roland Clark Place Reston, VA 20191 (703) 716-1191</p> <p style="text-align: right;">             SIGNATURE            Bruce H. Bernstein            NAME            29,027 <u>34296</u>            REGISTRATION NUMBER         </p>					

10/27/2005 ATRAN1 00000140 10516314

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : A. MIYAWAKI et al.

**Mail Stop PCT**

PCT Branch

Appl. No: : 10/516,314  
(National Stage of PCT/ JP03/7337)

I. A. Filed : June 10, 2003

For : CHROMOPROTEIN

**COVER LETTER**

**Mail Stop PCT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop PCT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In order to comply with the requirements (copy enclosed) for the submission of an executed Declaration set forth in the Notification mailed August 24, 2005 which sets a two-month period of response until October 24, 2005, Applicants hereby submit:

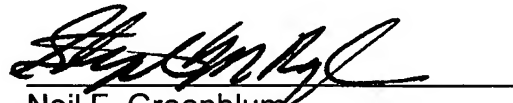
- Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;
- an executed Declaration and Power of Attorney;
- Supplemental Preliminary Amendment;
- Diskette containing Sequence Listings (paper copy six sheets);
- Statement that the Paper Content of the and Computer Readable Copies are the Same;

- a check in the amount of \$130.00 to cover the surcharge for late filing of the Declaration.

The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 19-0089.

Should the Examiner have any questions, he is invited to contact the undersigned at the below-listed number.

Respectfully submitted,  
A. MIYAWAKI et al.

  
Neil F. Greenblum  
Reg. No. 28,394 *Ref no 36,276*

October 24, 2005  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/516,314	Atsushi Miyawaki	P26360

INTERNATIONAL APPLICATION NO.
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PCT/JP03/07337

LA. FILING DATE	PRIORITY DATE
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06/10/2003

06/10/2002

7055  
 GREENBLUM & BERNSTEIN, P.L.C.  
 1950 ROLAND CLARKE PLACE  
 RESTON, VA 20191

**RECEIVED**

AUG 25 2005

GREENBLUM &amp; BERNSTEIN PLC

**RECEIVED**

AUG 25

GREENBLUM &amp; BERNSTEIN PLC

**CONFIRMATION NO. 4623****371 FORMALITIES LETTER****\*OC000000016841921\***

\*OC000000016841921\*

Date Mailed: 08/24/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/10/2004
- English Translation of the IA filed on 12/10/2004
- Copy of the International Search Report filed on 12/10/2004
- Copy of IPE Report filed on 12/10/2004
- Preliminary Amendments filed on 12/10/2004
- Information Disclosure Statements filed on 03/17/2005
- Oath or Declaration filed on 12/10/2004
- Biochemical Sequence Listing filed on 12/10/2004
- Request for Immediate Examination filed on 12/10/2004
- U.S. Basic National Fees filed on 12/10/2004
- Priority Documents filed on 12/10/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- **\$130 Surcharge.**
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/516,314	PCT/JP03/07337	P26360